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CONTENTS, PART 1

NUMBER 1

NUMBER 2

INDEX TO VOLUME 171, PART 1

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CONTENTS, PART 2

NUMBER 1

NUMBER 2

ERRATUM

NUMBER 3

INDEX TO VOLUME 171, PART 2

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NUMBER 1

NUMBER 3

ERRATUM

In the paper "On the Interpretation of the Hα Profile of the Seyfert Galaxy NGC 5548," by Kurt S. Anderson (*Ap. J.*, **169**, 449, 1971), an error was made in computing the line profiles to be expected from the model considered.

The equations of that paper may be corrected as follows. First, set $G(v, x) = 1$ in all equations. The condition $|v| \leq v(r)$ in equation (1) should be replaced by $-v(r) \leq v \leq v(r)\sqrt{(1 - r_0^2 r^{-2})}$. Finally, for $v \geq 0$, the lower limit of the integrals in equations (3) and (4) should be given as $v_1 = \sqrt{(v^2 + v_0^2)}$.

These corrections have no effect upon the blue ($v \leq 0$) half of the computed profiles. On the red side, however, the correct profiles differ from those incorrectly given in Figure 2 of the paper. The correct profiles are smoothly decreasing functions of v for $v \geq 0$, no discontinuity being present at $v = 0$ and no redward plateau appearing in the profile. The amended profiles show only a weak dependence upon the choice of the parameter $v(r_0)$ for positive v and lie somewhat above the observed profile for $v \lesssim 1500$ km s^{-1} and slightly below the observations for larger velocities. Fortunately, the qualitative aspects of the discussion presented are not significantly affected by the above error.

The author wishes to thank Dr. Marie-Helene Ulrich for calling this error to his attention.

INDEX TO VOLUME 172, PART 1

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CONTENTS, PART 2

NUMBER 1

NUMBER 2

NUMBER 3

INDEX TO VOLUME 172, PART 2

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CONTENTS, PART 1

NUMBER 1

NUMBER 3

INDEX TO VOLUME 173, PART 1

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NUMBER 2

NUMBER 3

ERRATA

We are grateful to R. E. Wilson for pointing out in a private communication that in the paper, "Evidence for the Binary Nature of Centaurus X-3 from *Uhuru* X-Ray Observations" (*Ap. J.* [*Letters*], **172,** L79, 1972) the equation

$$\sin i = \frac{r}{R}\left(1 + \frac{m}{M}\right) \sin 45°$$

is incorrect. The consequence is that by using the correct expression

$$R^2 = (1 - \sin^2 i \cos^2 45°) r^2 \left(1 + \frac{m}{M}\right)^2$$

we cannot place a lower bound on $\sin i$. Thus, the upper limits on v, r, and $M^3/(M + m)^2$ should be disregarded and the lower limit on R is changed to 0.6×10^{12} cm. There are, of course, consequences with respect to mass and density limits. However, no use was made in our discussion of the exact values of these parameters and thus the above considerations do not alter our main conclusions with regard to the nature of the system.

It should also be noted in table 1 that the equation under "Phasing Analysis" should read

$$\tau = \tau_0 + A \cos (2\pi/T)(t - t_0) .$$

E. Schreier
R. Levinson
H. Gursky
E. Kellogg
H. Tananbaum
R. Giacconi

In the paper, "Further Observations of the Pulsating X-Ray Source Cygnus X-1 from *Uhuru*," by E. Schreier, H. Gursky, E. Kellogg, H. Tananbaum, and R. Giacconi (*Ap. J.* [*Letters*], **170,** L21, 1971), the horizontal axis of figure 4*a* was incorrectly labeled. The values of the spectral index α should be 3.0, 4.0, and 5.0 rather than the originally published 3.0, 3.5, and 4.0.

INDEX TO VOLUME 173, PART 2